

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/505,480 06/23/2005 23548 7590 05/02/2006		Joel Gauzin	403164/MADEUF	2436
			EXAM	INER
	OIT & MAYER, LTD	FISHMAN, MARINA		
SUITE 300	ENTH ST. NW	ART UNIT	PAPER NUMBER	
WASHINGT	ON, DC 20005-3960	2832		
			DATE MAILED: 05/02/2006	

Please find below and/or attached an Office communication concerning this application or proceeding.

	H'A	
ddress		
30) DAYS,		
communication.		
e merits is		
FR 1.121(d). TO-152.		
l Stage		

	Application No.	Applicant(s)				
	10/505,480	GAUZIN, JOEL				
Office Action Summary	Examiner	Art Unit				
	Marina Fishman	2832				
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address				
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DATE of time may be available under the provisions of 37 CFR 1.11 after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period of Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be timused and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).				
Status						
1)⊠ Responsive to communication(s) filed on <u>06/23</u>	3/2005.					
• • • • • • • • • • • • • • • • • • • •	action is non-final.					
3) Since this application is in condition for allowar	nce except for formal matters, pro	esecution as to the merits is				
closed in accordance with the practice under E						
Disposition of Claims	,					
·						
4) Claim(s) 1-9 is/are pending in the application.	un fram consideration					
4a) Of the above claim(s) is/are withdray	wn from consideration.					
5) Claim(s) is/are allowed.						
6)⊠ Claim(s) <u>1-9</u> is/are rejected. 7)□ Claim(s) is/are objected to.						
	r election requirement					
8) Claim(s) are subject to restriction and/o	r election requirement.	*				
Application Papers						
9) The specification is objected to by the Examine	r.					
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.						
Applicant may not request that any objection to the	drawing(s) be held in abeyance. See	e 37 CFR 1.85(a).				
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11) The oath or declaration is objected to by the Ex	aminer. Note the attached Office	Action or form PTO-152.				
Priority under 35 U.S.C. § 119		·				
12)⊠ Acknowledgment is made of a claim for foreign	priority under 35 U.S.C. § 119(a))-(d) or (f).				
a) ⊠ All b) □ Some * c) □ None of:	priority arrast so siere. 3 viole,	, (2, 3, (.).				
1. ☑ Certified copies of the priority document	s have been received.					
2. Certified copies of the priority document		on No.				
3. Copies of the certified copies of the prior						
application from the International Bureau	· ·	G				
* See the attached detailed Office action for a list		ed.				
	•					
·						
Attachment(s)	·					
1) Notice of References Cited (PTO-892)	4) Interview Summary	(PTO-413)				
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)						
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	5) Notice of Informal F 6) Other:	Patent Application (PTO-152)				
Paper No(s)/Mail Date <u>08232004</u> .	o,					

Application/Control Number: 10/505,480

Art Unit: 2832

DETAILED ACTION

General status

1. This is a First Action on the Merits. Claims 1 - 9 are pending in the case and are being examined.

Priority

2. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 112

- 3. The following is a quotation of the first paragraph of 35 U.S.C. 112:
 - The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.
- 4. Claims 1 9 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In Claim1, lines 5 - 8, it is not clear what is meant by recitation "housing with a control rocker for the first switching element, the housing being detachably fixed relative to the first switching element and replaceable with a different control rocker housing detachably fixed relative to the first switching element to change the electrical function or mode of operation of the switching element." Does "control rocker housing" in line 6 - 7, carries the same meaning as "a housing with a control rocker" recited in line 5. The

Application/Control Number: 10/505,480

Art Unit: 2832

Examiner has interpreted the "a different control rocker housing" to mean – a different housing with a control rocker--.

In Claim1, lines 8 and 9, it is not clear what is meant by recitation "to change the electrical function or mode of operation," what function and what mode of operation?

(How the change of housing, can change the electrical function or mode of operation, without change of circuit on the circuit board and without change of the first switch.)

Claims 6 and 7 also have similar recitation.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 6. Claims 1 5 are rejected under 35 U.S.C. 102(e) as being anticipated by Mayo et al. [US 20030089587].

Regarding Claims 1 and 3, Mayo et al. disclose an electrical switch including a first switching element [51] for soldering onto a printed circuit board [103] to realize a specific electrical function and a housing with a control rocker [22, 44, 100, 28] for the first switching element, the housing being detachably fixed relative to the first switching element. The part of the housing [100] having resilient projecting legs (not numbered) and mounting posts (not numbered), thus the housing is detachably mounted on the

Application/Control Number: 10/505,480

Art Unit: 2832

circuit board and also with respect to the first switching element, and replaceable with a different control rocker housing detachably fixed relative to the first switching element to change the electrical function or mode of operation of the switching element. Regarding Claim 2, Mayo et al. disclose a second switching element [53. Regarding Claim 4, Mayo et al. disclose light pipe [122] and light source [121]. Regarding Claim 5, outer surface [161] of Mayo et al. acts a symbol.

Claim Rejections - 35 USC § 103

- 7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 8. Claims 6 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over of Gutman [US 4,760,218] in view Mayo et al. [US 20030089587].

Gutman [Figure 1] discloses multiple switches [32A, 32B], which are interchangeable and are used for automobile [abstract]. However, Gutman does not disclose structural details of the switch. Mayo et al. disclose structural details of a switch. It would have been obvious to one of ordinary skill in the art at the time the invention is made to use multiple identical switches in an automobile, with structural details of Mayo et al. so as to have rocker switches with two switches under each operator.

Regarding Claims 8 and 9, the housing of Gutman, has locking feet [11] and recess [72] arrangement to detachably fasten the housing the circuit board [60].

Conclusion

- 9. The prior art made of record and not relied upon is considered pertinent to applicant's invention. Rudolph [US 6,388,221], Hausler et al. [US 5,198,283], Takeda et al. [US Publication 2002/0011404], Kowalczyk [US 6,013,885] all disclose rocker switches. Applicant also should consider these references in response to this office action. Should issue arise concerning the rejection presented above, these references may be relied upon in a subsequent action to support the lack of novelty or obviousness of claimed subject matter to one of ordinary skill in the art.
- 10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marina Fishman whose telephone number is 571-272-1991. The examiner can normally be reached on 7-5 M-T.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Elvin Enad can be reached on 571-272-1990. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Marina Fishman April 24, 2006